APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

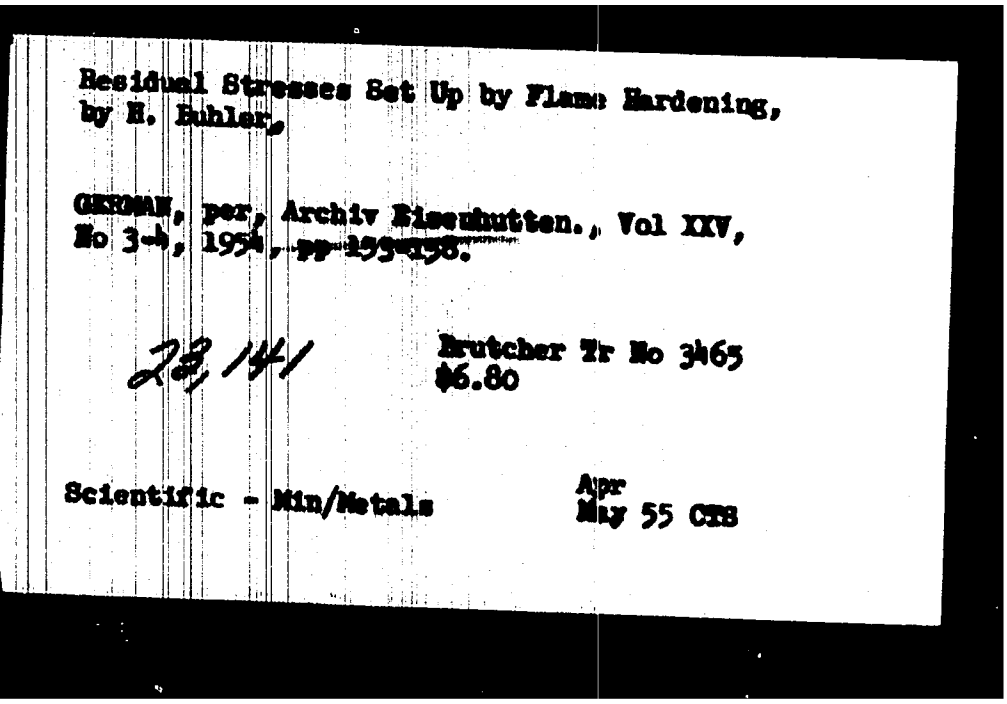
A Contribution to the Testing of Pickling of Additives for Their Effectiveness, by H. Hoff, G. von der Dunk.
GERMAN, per, Arch. Eisenh, Vol 35, Mar/Apr 1954, pp 115-123.
BISI 5154

314,528

Sci - Chemistry
Jan 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Residual Stresses Set Up by Flame Hardening,
by E. Buhler,

GERMAN, per, Archiv Eisenhutten., Vol XXV,
No 3-4, 1954, pp 193-198.

28, 141

Brutcher Tr No 3465
$6.80

Scientific - Min/Metals

Apr
May 55 CRB

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Investigation of Test-Pieces with Known Faults for Characterising the Working Conditions in Ultrasonic Testing, by E. Theis, K. Barteld, 9 pp.

GERMAN, per, Arch Eisenhuttenwerke, Vol XXIII, No 3/4, 1954, pp 159-164.

T.I.L./T 4487

Scl - Minerals/Metals, steel, forging tests, metallurgy,

33,578

May 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Temperature Dependence of the Movement of Hydrogen in Steel, by K. Lucke.
GERMAN, per, Arch Eisenh, No 25, 1954, pp 181-185.
*NBS TT 70-57484

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Attack of Mx Iron-Saturated Molten Zinc
on Iron as Affected by an Antimony Content,
by D. Hans Horstmann,

GERMAN, per, Archiv Eisenhutten, Vol XXV,
Nos 5-6, 1954, pp 207-213.

Brutcher Tr No 3407
$4.80

2/357

Scientific - Min/Metals Feb 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Absorption of Hydrogen by Austenitic Steels Under Cathodic Loading, by F. Eisenkolb, H. Ehrlich.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, Nos 3, 4, 1954, pp 187-194.

Brutcher Tr
No 3412

Scientific - Min/Metals Jan 55 CTS/DSX

20,893

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Sampling of Ferro-Alloys and Their Ores, by H. Wirtz,

GERMAN, per, Arch. Eisenhuttenw., Vol ~~XI~~ XXV, 1954, pp 225-230.

SLA 60-18635

Iron and Steel Inst
Tr No 492
OT/1115

21,828

Scientific - Min/Metals Mar 55 C PTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Intensified Attack of Molten Zinc on Iron at About 930°F, by D. Horstmann.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, Nos 5, 6, 1954, ~~pp~~ pp 215-219.

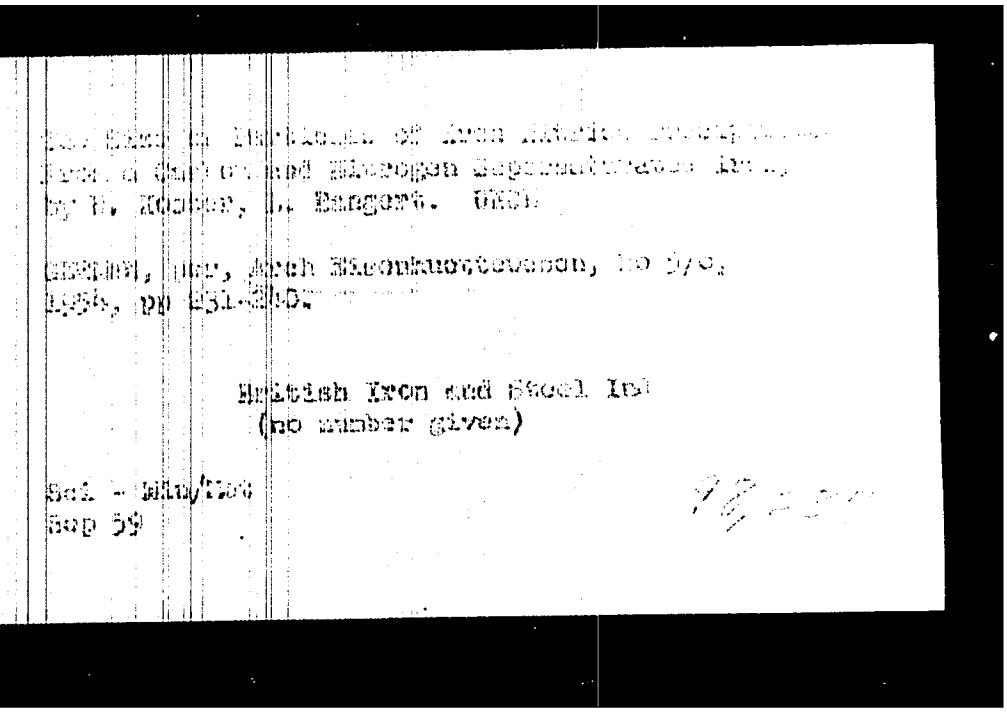
Brutcher Tr
No 3290

Scientific - Min/Metals Jan 55 CTS/DEX

20,899

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



British Iron and Steel Inst
(no number given)

Sec - Mtg/Tec
Sep 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Hardness of Martensite as Function of Its Carbon Content, by M. Sagisman.

German

[illegible], per, Archiv Eisenhuttenwesen, Vol XXV, No 5/6, 1954, pp 271, 272.

Brutcher Tr
No 3365
9-2-55

Scientific - Minerals/Metals CTS/DEX

19,517

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Structure of Zinc Coatings on the Basis of Electrochemical Dissolutions, by W. Katz.

GERMAN, per, Archiv fur Eisenhuttenwesen, Vol XXV, Jul/Aug 1954, pp 307-314.

BISI 2712

Sci - M/M

Jul 62

203,435

List No 137

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Rapid Spectrographic Identification of Alloy Steels and Ferrous Metal Alloys, by E. Fitzer. UNCL

GERMAN, per, Arch Eisenhuettewesen, Vol XXV, No 7/8, 1954, pp 321-326.

British Iron and Steel Ind
(no number given)

Sci - Phys; Min/Met
Sep 59

98,107

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Dimensional Changes of Steel on Case Carburizing, by B. Finnern.

e

GERMAN, mo per; Archiv Eisenhuttenwesen, Vol XXV, No 7/8, 1954, pp 345-350.

Henry Brutcher Tr 3817

$7.80

43,894

Sci - Minerals/Metals
Feb 1957 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Braumann and Krachter, H.
NITRIDING OF AUSTENITIC CHROME-NICKEL-MOLYBDENUM STEEL TUBES BY NITROGEN DURING AN INTERNAL PRESSURE TEST AT 700°.
[1962] 8p.
Order from K-H $10.00 K-H 5342

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1954, v. 25, no. 7/8, p. 373-375.

DESCRIPTORS: *Steel, *Austenite, Chromium alloys, Nickel alloys, Molybdenium alloys, *Nitrides, Pressure, Nitrogen, Hardening.

(Metallurgy--Ferrous Metals, TT, v. 8, no. 5)

62-17839

I. Braumann
II. Krachter, H.
III. K-H-5342
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Fahlenbrach, H. and Houdremont, E.
INCREASE IN THE INITIAL PERMEABILITY OF LOW-ALLOYED IRON-SILICON- AND IRON-ALUMINIUM ALLOYS BY OXIDIZING ANNEALING AT LOW TEMPERATURES. [1962] 7p. (figs. tables refs. omitted).
Order from SLA $1.10 62-16993

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1954 [v. 25, no. 7/8] p. 377-381 (V[erein] D[eutscher] E[isenhüttenleute (West Germany). Berichte]-907).

DESCRIPTORS: *Iron alloys, *Silicon alloys, *Aluminum alloys, Permeability, Heat treatment, Annealing, Temperature.

Relationship of the increase in the initial permeability of iron-silicon alloys with 2.5 to 4.5% Si and iron-
(Metallurgy, TT, v. 8, no. 9) (over)

62-16993

1. Title: Decarburization
I. Fahlenbrach, H.
II. Houdremont, E.
III. Verein ... Berichte-907

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Magnetic and Electromagnetic Sorting of Semi-finished Steel and of Mass-Produced Parts, by F. Forster,

GERMAN, per, Archiv f.d. Eisenhuttenwesen, Vol XXV, No 7/8, 1954, pp 303-312.

23,168

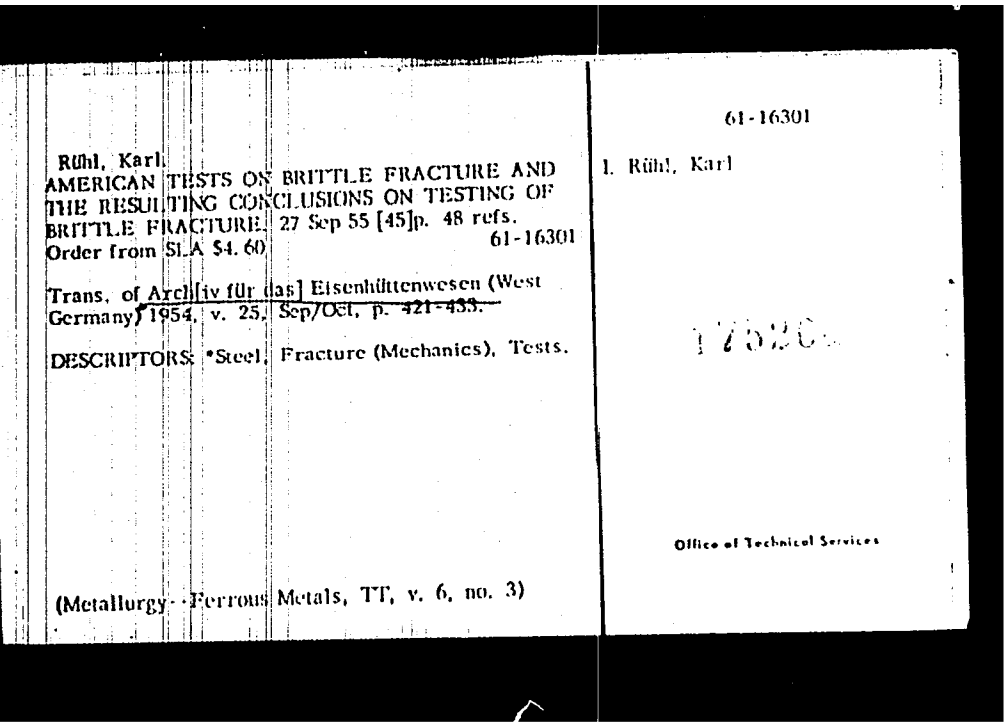
Brutcher Tr No 3467
$9.80

Scientific - Min/Metals

Apr
May 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Rühl, Karl
AMERICAN TESTS ON BRITTLE FRACTURE AND THE RESULTING CONCLUSIONS ON TESTING OF BRITTLE FRACTURE. 27 Sep 55 [45]p. 48 refs.
Order from SLA $4.60 61-16301

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1954, v. 25, Sep/Oct, p. 421-433.

DESCRIPTORS: *Steel, Fracture (Mechanics), Tests.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16301

1. Rühl, Karl

17826

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Metallurgical Considerations of the Problem of Cleavage Fracture, by E. Houdremont, H. J. Wiester. USCL

GERMAN, per. Arch Eisenhuettenwesen, Vol XXV, Sep/Oct 1954, pp 435-445.

British Iron and Steel Fed
(no number given)

Bc1 - Min/Met
Sep 59

119,267

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Transformation Limits in the Iron-Nickel System Below 300°C, by F. Lihl. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Vol XXV, Sep/Oct 1954, pp 475-478.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,211

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Process of Formation of Sigma Phase in 18% Cr, 10% Ni, 2% Mo Steel, by F. Braumann, H. Krachter,

GERMAN, per, Archiv f.d. Eisenhuttenwesen, Vol XXV, Nos 9-10, 1954, pp 479-488.

23,156 Brutcher Tr No 3447 $9.80

Scientific - Min/Metals Apr 55 CRB

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Oxidation of Titanium from Liquid Steel into Slag in Basic and Acid High-Frequency Furnaces under Various Slags, by P. Bardenheuer, W. A. Fischer, 5600 words.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, No 11/12, 1954, pp 515-521.

AF 723

Brutcher No 3462
$11.20

Scientific - Minerals/metals

Sep 55

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Tolerances and Errors Incurred With Temperature Measurement by Thermocouples. Directions for the Practical Applications of Thermocouples and Protective Pipes, by K. Guthmann.

GERMAN, per, Arch Eisenhuttenw, Vol XXV, No 11/12, 1954, pp 535-561.

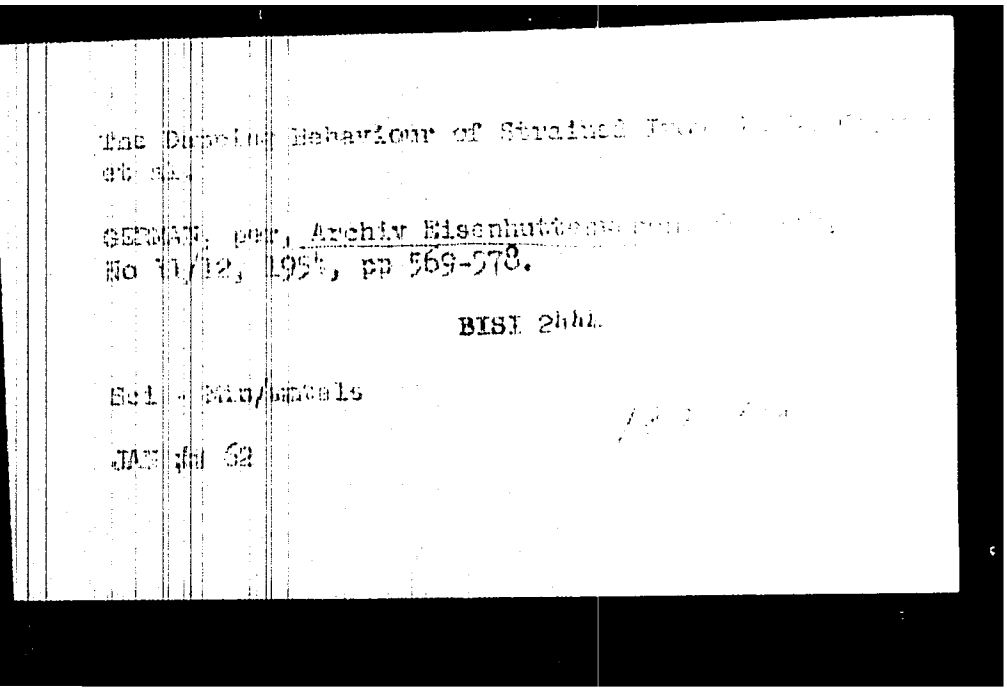
D.S.I.R./27071

46, 684

Sci - Physics
Apr 57 CHB/Dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



The Dumping Behaviour of Strained [illegible]
et al.

GERMAN, per, Archiv Eisenhüttenwesen
No 11/12, 1954, pp 569-578.

BISI 2444

Sol - Min/Metals

JAS/fd 52

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Effect of Cyclic Stressing Upon Diffusion in Plain Carbon Steels, by H. Schenck, E. Schmidtmann,

GERMAN, per, Archiv Eisenhutten, Vol XXV, No 11/12, 1954, pp 579-583.

Brutcher Tr 3500
$4.85

25,976

Scientific - Min/Metals

Aug 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Aging Processes in Plain Carbon Steels and the Effect of Cyclic Stressing on Them, by H. Schenck, E. Schmidtmann.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXV, No 11/12, 1954, pp 583-588.

Brutcher Tran 3579
$6.60

Sci - Minerals/Metals

21,513

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Hot-Blast Cupola in the Steel Plant, by Th. Kootz, H. Rellermeyer.

GERMAN, per, Archiv Eisenhutten, Vol XXVI, No 1, 1955, pp 1-8.

25,277 Brutcher Tr 3513 $8.80

Scientific - Min/Metals Jul 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Thermodynamic Analysis of ~~Two~~ Two-Component and Multi-Component Systems; Part I- Determination of Activities of Components in Homogeneous and Heterogeneous Systems from Calorimetric Measurements Alone, by I. W. Oelsen et al.

GERMAN, per, Archiv Eisenhutten, Vol XXVI, No 1, 1955, pp 19-25.

25,279 Brutcher Tr 3521 $8.40

Scientific - Min/Metals Jul 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Thermodynamic Analysis of Two-Component and Multi-Component Systems (Determination of Activitites of Multi-Components in Homogeneous and Heterogeneous Systems From Calorimetric Measurements Alone) Part II., by W. Oelsen, et al.

GERMAN, per, Archiv Eisenhutten, Vol XXVI, No 1, 1955, pp 25-35.

26,090

Brutcher Tr 3522
$13.00

Scientific - Chemistry, Min/Metals Aug 55 CIS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Thermodynamic Analysis of Two-Component and Multi-component Systems (Determination of Activities of Components in Homogeneous and Heterogeneous Systems from Calorimetric Measurements Alone) Part III, by W. Oelsen and Others, 3900 words.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXVI, No 1, 1955, pp 39-42.

26, 7/6

Brutcher No 3523
$7.80

Scientific -- Minerals/metals

Sep 55

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Measurement of the Electromotive Forces at
1500°C and X-Ray Studies of the System
Ferrous-Oxide/Aluminium-Oxide, by
W. A. Fischer, A. Hoffmann.
GERMAN, per, Arch Eisenh., Vol 26, Jan 1955,
pp 43-50.
BISI 6594

Sci/Mat
Dec 68 354,421

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Time Law of the Precipitation of New Phases in Solid Solutions, by B. Ilschner, GERMAN, per, Archiv fuer Eisenhuttenwesen, Vol XXVI, No 1, 1955, pp 59-62
BISI 3611

Sci - M/M
May 64

258,895

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Wepner, W.
PRESENT STATE OF RESEARCH ON THE AGING OF MILD STEELS. [1961] [49]p. (refs. 26 figs. 1 table omitted)
Order from SLA $4.60 61-20481

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1955, v. 26, no. 2, p. 71-98.

DESCRIPTORS: *Steel, Aging, Tensile properties, *Metallurgical analysis.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 4)

61-20481

I. Wepner, W.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

TT-65-12388 Field 11F

Hofmann, W., Schuhmacher, G.
THE ORIENTATION RELATIONSHIP BETWEEN AUSTENITE, THE INTERMEDIATE STAGE STRUCTURE AND MARTENSITE (Orentierungszusammenhaenge Zwischen Austenit, Zwischenstufengefuege und Martensit). 23p, 26refs.
Order from SLA: $2.60 as TT-65-12388

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v26 n2 p99-104 1955.

I. Hofmann, W.
II. Schuhmacher, G.

MR 632

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Activating Potentials of Fe-C Alloys and Their Relation to the Chemical Resistance in Sulphuric Acids, by H. J. Rocha, G. Lennartz. UNCL.

GERMAN, per, Arch Eisenhuettenwesen, Feb 1955, pp 117-123.

British Iron and Steel Ind
(no number given)

Sci - Chem
Sep 59

98,352

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Exact Rapid Microanalysis of Gases, by H. Feichtinger.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXVI, No 3, 1955, pp 127-30.

Brutcher Tr 4197
$4.90

Sci - Chem

Aug 58

68,210

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Methods of Etching High-Alloy Chromium and Chrome-Nickel Steels for Austenite, Ferrite, Sigma Phase, and Carbide, by F. Braumann, G. Pier.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXVI, No 3, 1955, pp 145-151.

Brutcher Tr 3763

Sci - ~~Chemistry~~ Min/Metals

Aug 1956 37,414 $7.40

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Determination of Small Amounts of Aluminum in Steel, by W. Werz, A. Neuberger .

GERMAN, per, Arch Eisenhuttenwesen, Vol XXVI, No 4, 1955, pp 205-208.

Henry Brutcher Tr 3699

Sci - Minerals/Metals 34,794

May 1956 $5.90

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Indication of the Tendencyto Brittle Fracture of Steels by Measurement of Yield Stress, Tearing Stress and Contraction on Fracture, on Tri-Axially Stressed Specimens, by Kochendörfer, Rohrbach.
UNCLASSIFIED

GERMAN, per, Arch Eisenhüttenwesen, Vol XXVI, Apr 1955, pp 213-227.

Iron and Steel Inst Tr 800
(L9.0.0)

Sci - Min/Met
Aug 58

71,728

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Model Experiments on the Change of Direction of Flow in the Port-End of a Cold-Gas-Fired Open-Hearth Furnace, by Michael Hansen, 16 pp.

GERMAN, per. Archiv fur das Eisenhuttenwesen, Vol XXVI, No 5, 1955, pp 243-251.

SLA 60-18289

Sci

Apr 61

146,108

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Thermodynamic Analysis II. The Heat Content Curve of a Material form a Single Calorimetric Experiment, by Willy Oelsen, Karl Heinz Rieskamp, Olaf Oelsen, 48 pp.

GERMAN, per, Arch Eisenhuttenw, Vol XXVI, 1955, pp 253-266.

AEC Tr 2522

Sci - Chemistry

36,781

Jul 1956

BCIRA 910

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Investigation of the Tendency of Soft Un-
Alloyed Steels to Age by Hardness Testing
at Temperatures up to 300C, by E. Houdremont,
W. Wepner. 12 p.
GERMAN, per, Archiv fuer das Eisenhuettenwesen,
Vol 26, No 5, 1955, pp 279-285.
SLA TT-66-10435

Sci-M&M
Jul 66

306,066

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Three Component System Iron-Cobalt-Vanadium, by Werner Koester, Heinz Schmid.
GOVERNMENT USE ONLY
GERMAN, per, Arch Eisenh, Vol 26, No 6, 1955, pp 345-353.
NASA TT F-12,146

Sci-Mat
Aug 69

388,725

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Electrochemical Investigation of Corrosion of Alpha-Iron Single Crystals in Dilute Acid, by Engell.

GERMAN, per, Arch Eisenhüttenwesen, Jul 1955, pp 393-404.

Co-op Tr Sch Tr 594
(S6.10.0)
ATS - 80114 S 57, 6355

Sci - Min/met
Jan 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Industrial Applications of X-Ray Stress Analysis,
by A. Schaal,

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXVI,
No 8, 1955, pp 445-447.

27837 Brutcher Tr 3589

Scientific - Physics, 11/M Oct 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Electronmicroscope Investigation of the Changes of Structure of a Chromium-Nickel-Molybdenum-Steel Under Prolonged Tensile Stress at 500°, by R. Wever, A. Schrader, 9 pp.

GERMAN, per, Arch Eisenhuttenw, Vol XXVI, 1955, pp 475-481.

SLA 57-51

Sci - Minerals/Metals
Oct 57

54,050

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Limits of Dephosphorization in Iron by Means of Lime, by G. Trosmel, W. Calgen, UNCL

GERMAN, per, Arch Eisenhuettenwesen, Sep 1955, pp 497-506.

British Iron and Steel Inst
(no number given)

Sci - Min/Met
Sep 59

78, 417

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Effect of Annealing Conditions on the Core Loss of Hot Rolled Transformer Sheet, by F. Lihl and P. Zemach.

GERMAN, per, Arch Eisenhuttenwesen, Sep 1955, pp 535-540.

British Iron and Steel Abstracts 553

UKSM
GB 55

Sci

Jul 58

68,047

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Determination of Pore Size Distribution in Refractory Materials, by L. Zagar.

GERMAN, per, Archiv f.d. Eisenhüttenwesen, Vol XXVI, No 9, 1955, pp 561, 562.

Brutcher Tr 3924
$2.90

Sci - Physics

57,032

Jan 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Reactions Between Iron-Manganese Melts and Molten Aluminates, by W. Oelsen, O. Heymert. GERMAN, per, Arch. Eisenh., Vol 26, 1955, pp 567-575.
BISI 6069

Sci/Mat
Oct 68

363,351

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Quartz-Crystobalite Transformation, by Schwiete, Stollerwerk.

GERMAN, per, Arch Eisenhuttenwesen, Oct 1955, pp 583-587.

Co-op Tr Sch Tr 595
(£2.5.0)

57, 654

Sci - Min/met
Jan 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Cold Rollability of Transformer Steels Containing More than 3.3% Si, by Lihl, Zemsch.

GERMAN, per, Arch Eisenhuttenwesen, Oct 1955, pp 599-602.

~~Co-op Tr Sch Tr 553~~

British Iron and Steel ... 57, 714 987

Sci - Min/met
Jan 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Crystallization of Super-cooled Alloys, by
W. Geller, H. Garbeck.

GERMAN, per, Archiv Eisenhuttenwesen,
Vol XXVI, 1955, pp 611-621.

BCIRA 936

Sci
Jun 63

[redacted]

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Yield Strength of Plain Carbon and Low Alloy Steels During Hot Upsetting Under a Drop Hammer, by R. Fink et al.
GERMAN, per. Arch. Eisenh., Vol 26, Nov. 1955, pp 655-668.
BISI 4966

Sci-Materials
Oct 66

310,482

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Zagar, Ludwig.
THE BASIS FOR THE DETERMINATION OF THE PERMEABILITY TO GAS OF REFRACTORY STRUCTURAL MATERIALS. [1963] 19p 68refs
Order from SLA $1.60 63-16856

Trans. of Archiv fur das Eisenhuttenwesen (West Germany) 1955, v. 26, no. 12 [p. 777-782] [Verein Deutscher Eisenhuttenleute (West Germany). Bericht-990].

DESCRIPTORS: *Refractory materials, *Brick, Permeability, Gases, Air

After a complete evaluation of the literature it was shown that the idea of specific permeability to gas was derived from the Hagen-Poiseuille Law. This material quantity was determined on the basis of an empirical law of d'Arcy with an apparatus called the permemeter. The accuracy of this Law of d'Arcy was demonstrated (Materials--Refractories, TT, v. 10, no. 12) (over)

63-16856

I. Zager, L.
II. Verein...Bericht-990

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Properties of Commercially Hot-Rolled Dynamo Sheet, by E. Czerlinsky. UNCL

GERMAN, per, Arch Eisenhuettewesen, Vol XXVII, No 1, 1956, pp 35-40.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98, 110

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

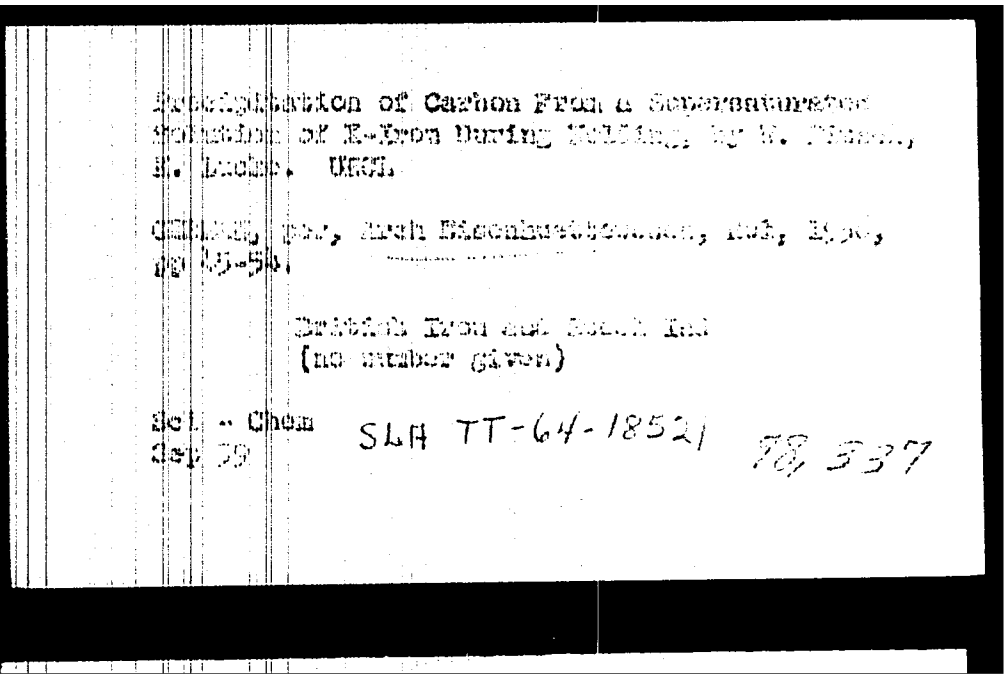
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Diffusion of C in Fe and the Effect of P on Carbon Diffusion, by F. Erdmann-Jesnitzer.
GERMAN, per. Arch Eisenh, No 27, 1956, pp 41-43.
*NBS TT 70-57535

Sci-Mat
Aug 70

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Purification of Carbon From a Superconducting
Modification of K-Iron During Melting, by V. Pisani,
E. Lecoin. USSR.

Chimie [Fr., Zurn Khimicheskoy, Kiy, Ukr.,
pp 53-56.

British Iron and Steel Inst
(no number given)

Def. - Chem
Dep 39

SLA TT-64-18521 78 537

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Determination of Rare Earths in Steel, by H. Krapp.

GERMAN, no per, Archiv Eisenhüttenwesen, Vol XXVII, No 2, 1956, pp 103-105.

Henry Brutcher
Tr 3864
$4.80 45, 129

Sci - Min/Metals; Geophysics
Mar 1957 CIS/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Research Concerning the Isothermic Disintegration Of Austenite and Martensite In the Case Of Unalloyed Steels Within a Temperature Range Of 100 to 400 Degrees When Applying the Solution-etching Process by H.K.Gorlich and H. Goossens.

GERMAN, per, Archiv Fur Das Eisenhuttenwesen, Vol XXVII, No 2, 1956, pp 119-126.

CSIRO

Oct. 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

(U) Precipitation Processes in Titanium-Stabilized Austenitic Nickel-Chromium Steel and Their Relation to Intercrystalline Corrosion Phenomena, by K. Bungardt, G. Lennartz. 19 pp.

GERMAN, per, Arch Eisenhuttenw, Vol XXVII, 1956, pp 127-133.

AEC Tr-4209

129,746

Sci - Phys
20 Oct 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Influence of Oxygen Addition to Blast Upon Particle Size of Brown Smoke From Basic Converter and of Waste Gas From Arc Furnace, by R. Meldau, D. Laufhuette

GERMAN, mc per, Archiv Eisenhuettenwesen, Vol XXVII, Hx No 3, 1956, pp 149-152.

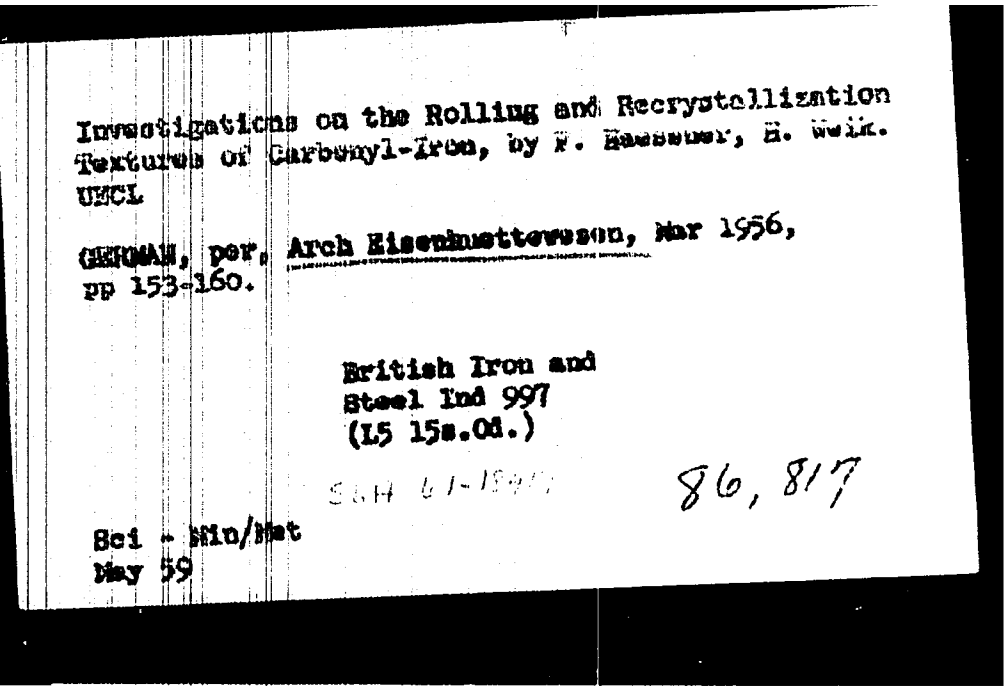
Brucher Tr 3770
$5.80

38,540

Sci -- Min/Metals
Sep 56 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Investigations on the Rolling and Recrystallization Textures of Carbonyl-Iron, by F. Bassemir, H. Weik. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Mar 1956, pp 153-160.

British Iron and Steel Ind 997 (L5 15s.0d.)

S&H 61-1547

86,817

Sci - Min/Met
May 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Horstmann, Dietrich.
THE ATTACK OF IRON SATURATED ZINC MELTS ON ALUMINUM CONTAINING IRON. [1963] [10]p. 7 refs.
Order from: SLA $1.10 63-16845

Trans. of Archiv fur das Eisenhüttenwesen (West Germany) 1956, v. 27, no. 3, p. 161-163 (Max Planck Institut [für Eisenforschung] (West Germany). [Communication]-657); [Verein Deutscher Eisenhüttenleute (West Germany). Berichte-20].

DESCRIPTORS: *Aluminum, *Iron, *Zinc, Melting, *Fused materials, Chemical analysis.

The attack of iron saturated zinc melts is strengthened by means of very slight aluminum content in the iron up to perhaps 1%. At higher aluminum contents of perhaps 5% the attack is lower than on aluminum free soft iron. (Metallurgy, TT, v. 10, no. 6)

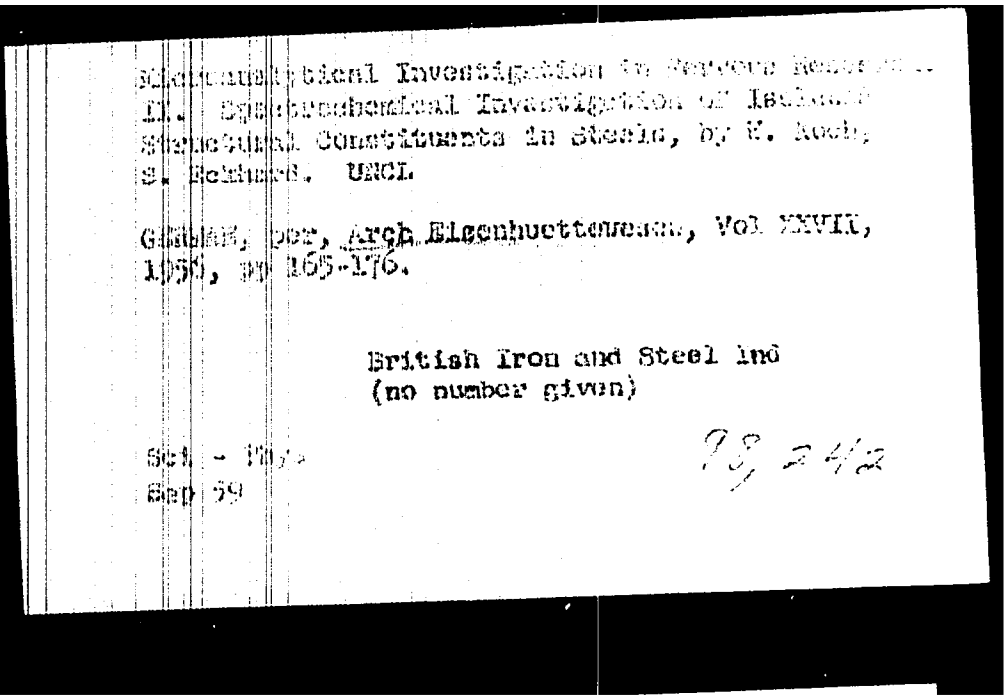
63-16845

I. Horstmann, D.
II. Max ... Communication-657
III. Verein ... Berichte-20

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Scientific Investigation in Ferrous Metals...
II. Spectrochemical Investigation of Inclusion
Structural Constituents in Steels, by K. Koch,
S. Reichard. UNCL

Giesserei, Arch Eisenhuettenwesen, Vol XXVII,
1956, pp 165-176.

British Iron and Steel Inst
(no number given)

Sci - Tech
Sep 59

PB 141412

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Determination of Hydrogen in Electric Steel,
by W. Geller, H. Jungardt, P. Hammerschid.

German, per, Arch Eisenhuettenwesen, Vol XXVIII,
No 4, 1956, pp 235-240.

British Iron and Steel Ind
(no number given)

Sci - Chem
Dep 59

98,092

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Reactive Power of Three-Phase Current Converters With Unsymmetrical Control, by G. Koltgen. UNCL

GERMAN, per, Arch Eisenhuettenwesen, [illegible] pp 279-285.

British Iron and Steel Ind 1133

Sci - Min/Met
Apr 59

S-4,261

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Quality Predictions on Liquid Cast Iron and Steel Based on Optical Temperature Measurements, by K. Orths.

GERMAN, mo per, Archiv Eisenhüttenwesen, Vol XXVII, No 5, 1956, pp 289-295.

Brutcher Tr 3803
$9.75

Sci - Min/Met

Jan 58

57,366

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Inhibitory Effect of Aluminium Additions to Hot-~~MK~~ Dip Galvanizing Baths on the Formation of Iron-Zinc Alloy Layers, by D. ~~MMMMM~~ Horstmann, 5 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXVII, No 5, 1956, pp 297-302.

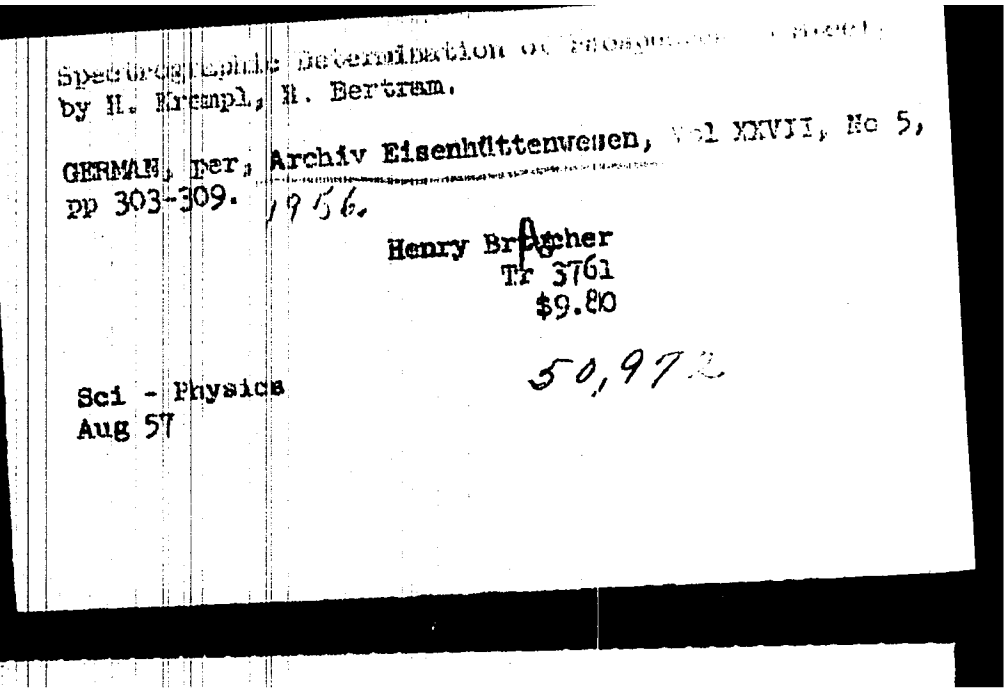
CSIRO

Sci - Min/Met
Nov 61

174, 401

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Spectrographic Determination of [illegible]
by H. Krempl, H. Bertram.

GERMAN, Per, Archiv Eisenhüttenwesen, Vol XXVII, No 5,
pp 303-309. 1956.

Henry Brutcher
Tr 3761
$9.80

50,972

Sci - Physics
Aug 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Study of Diffusion Processes at Low Temperatures, by B. Ilschner,
GERMAN, per, Arch. Eisenh., 27, 1956, pp 337-342.
*NBS TT 70-57311

Sci-Phys
Aug 70

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Phase Diagram Ferrous Oxide-Aluminum Oxide, by Wilhelm Anton Fischer, Alfred Hoffman, 14 pp.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXVII 1956, pp 343-346.

AEC-UCRL-Tr-913(L)

Sci - Nucl Sci

Jul 63

NLL Ref: TDC 2.06 (6068)
238,155

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Calculations of Output and Cost for Production Planning of Iron and Steel works, by W. Bauer.
UNCL

GERMAN, per, Arch Eisenhuettenwesen, Vol XXVII, No 5, 1956, pp 347-354.

British Iron and Steel Ind
(no number [redacted] given)

Sci
USSR
Econ
Sep 59

98/62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Influence of Heat Treatment on the Machinability of Heat Treated and Case Hardening Steels, by F Wever

GERMAN. Per, Arch Eisenhutten, Vol XXVII, No 6, 27 Jun 1956, pp 361-400

ASLIB-GB95

Sci

Jul 59

92,752

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Investigation of the Kinetics of Martensite Formation, by Heinrich Beisswenger, Erich Scheil, 22 pp.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXVII, 1956, pp 413-420.

AEC-UCRL-Tr-883(L)

Sci - Nucl Sci

Jul 63

23,153

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Electrolytic Isolation of Intermetallic Iron Zinc Compounds and Determination of Solubility of Some Metals in These Compounds, by D. Koritzmann.

GERMAN, per, Arch Eisenhuttenw, Vol XXVII, No 7, 1956, pp 423-428.

IMSDOC-T2253

Sci

Jul 59

92 756

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Tempering Phenomena in Martensite. Part I, by W. Jellinghaus.

GERMAN, per, Archiv f. d. Eisenhüttenwesen, Vol XXVII, No 7, 1956, pp 433-440.

Brutcher Tr 3876
$14.60

Sci - Min/Met, tempering of steel

Jan 58

57,029

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Tempering Phenomena in Martensite, Part II, by W. Jellinghaus.

GERMAN, per, Archiv f.d. Eisenhüttenwesen, Vol XXVII, No 7, 1956, pp 440-448.

Brutcher Tr 3928
$13.80

Sci - Min/Met

Jan 58

57, 384

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Simultaneous Determination of Low-Carbon and Nitrogen Contents in Alpha-Iron by Damping Measurements, by Wepner.

GERMAN, per, Arch Eisenhuttenwese, Jul 1956, pp 445-452.

Co-op Tr Sch Tr 657
(£2.15.0)

Sci - Min/met
Jan 58

57 711

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Influence of a Few Metalloids of Unalloyed Structure Steel on Corrosion in Different Corroding Agents, by F. Eisenstecken and W. Stinnes.

GERMAN, per, Arch Eisenhuttenwesen, Vol XXVII, 1956, pp 469-474.

INSDOC-T2131

Sci - Aug 58

72,565

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Electrochemical Investigations on the Effect of Roll and Heat Scale on the Corrosion of Steel and on the Process of Pickling, by F. Wever.

GERMAN, per, Archiv fuer Das E Eisenhuttenwesen, ~~Vol XXVII, No 7, 1956~~, pp 475-486.

CSIRO

Sci - Min/Met

188,520

Mar 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Kinetics of the Formation of Austenite in Unalloyed and Low-Alloy Hypoeutectoid Steels, by Adolf Rose, Werner Strassburg, 14 pp.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXVII, No 8, 1956, pp 513-520.

SLA 60-18290

Sci

Apr 61

146, 147

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Decrease in Wuestite at Temperature Below 570° in Presence of Iron, by W. A. Fischer, et al. UNCL

GERMAN, per, Arch Eisenhuettenwesen, Aug 1956, pp 521-529.

SLA 60-1360

British Iron and Steel Ind 1333

Sci - Min/Met
Nov 59

100,487

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Testing of Un-Alloyed Steel Subjected to Polyaxial Tension in Experiments Involving Internal Pressure, Part I, Appearance of Fracture in Specimens, by A. Krisch.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXVII, No 8, 1956, pp 531-537.

CSIRO

Sci - Min/Met
Aug 62

20 1/25

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Melting of High-Purity Iron by the Carbon Reduction Process and Notch Toughness vs. Temperature Curves of This Iron, by W. A. Fischer, H. Treppschuh, K. H. Köthemann.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXVII, No 9, 1956, pp 567-572.

Henkry Brutcher
Tr No 3877
$11.90 45,118

Sci - Min/Metals; Chemistry
Mar 1957 CTS/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Review of Properties and Behavior of Iron Oxide Aerosols [With Special Reference to Formation and Precipitation of Brown Fumes], by R. Meldau.

GERMAN, per, Archiv Eisenhuttenwesen, Vol XXVIII, No 11, 1956, pp 673-679.

HB 4832

Sci - Min/Met

Oct 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

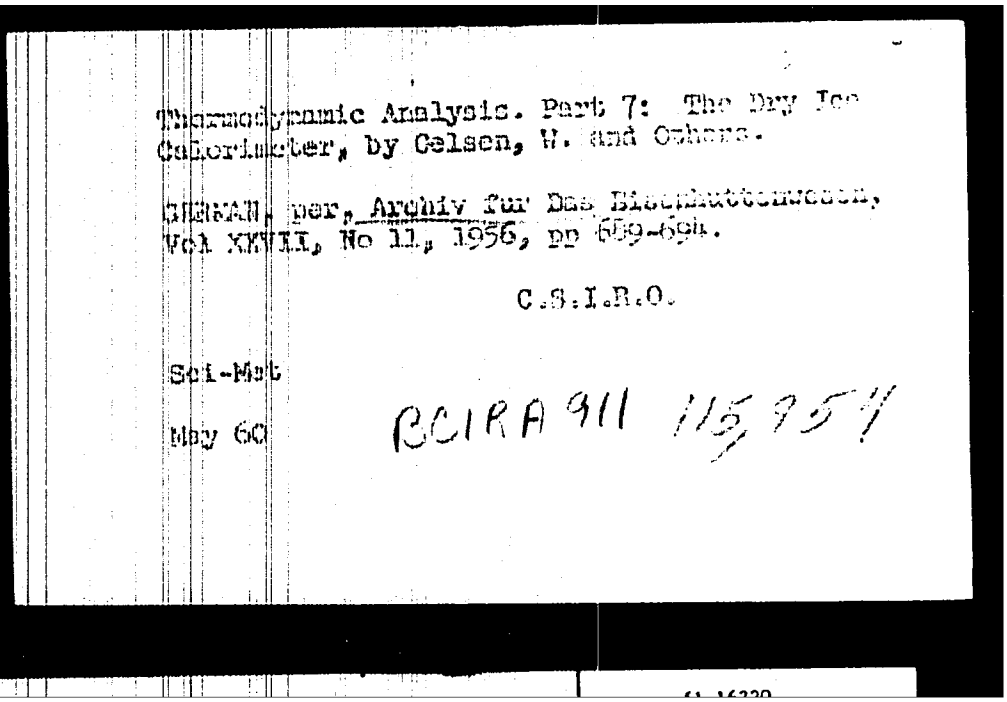
Determination of the Size Distribution of Pores in Refractory Materials and Glass Filters, Part II, by L. Zagar.
GERMAN, per. Archiv Eisenhuttenwesen, Vol 27, No 10, 1956, pp 657-663.
HB 7486

Sci-Mat
Sep 68

365,535

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0



Thermodynamic Analysis. Part 7: The Dry Ice Calorimeter, by Celsen, W. and Others.

GERMAN, per, Archiv fur Das Eisenhuttenwesen, Vol XXVII, No 11, 1956, pp 659-664.

C.S.I.R.O.

Sci-Mat

May 60

RCIRA 911 115,954

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Koch, W. and Malissa, H.
HIGHLY ACCURATE DETERMINATION OF CARBON CONTENTS WITH A RECORDING CONDUCTIVITY INSTRUMENT. Rept. no. 233 of the Chemical Committee of the V[erein] D[eutscher] E[isenhüttenleute]. [1957] [9]p. 1[illegible] refs.
Order from SLA $1.10 61-16320

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1956. v. 27, no. 11, p. 695-699.

DESCRIPTORS: *Carbon, Graphite, Determination, *Cast iron, Conductivity, Microanalysis, Carbon dioxide, Combustion, Instrumentation

Co-op Tr Sch Tr.773
(12.15.0)

61-16320

I. Koch, W.
II. Malissa, H.
III. Title: Verein...

175260

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

The Formation of a Cubic Nitride in Aluminium-Containing Steels, by Koch, et al. UNCLASSIFIED

GERMAN, per, Arch Eisenhuttenwesen, Nov 1956, pp 701-706.

Co-op Tr Schaume
Tr 5100

SA/A 64-14,690

Sci - Min/Met
Jun 58

64,690

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Contribution to the Theory of the Scaling of Pure Iron and of Scaling in General, by N. G. Schmahl, et al. (GERMAN), per, Arch. Eisehn. Vol 27, Nov 1956, pp 707-713. EISI 4377

EE-Germany
Sci/Met
Jan 66

294,625

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

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Bunghardt, K. and Preisendanz, H.
DAMPING CAPACITY INVESTIGATIONS ON IRON-CHROMIUM ALLOYS. [1957] [19]p. 28 refs.
Order from SLA $1.60 61-16319

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1956, v. 27, no. 11, p. 715-724.

DESCRIPTORS: *Iron alloys, *Chromium alloys, *Damping, Stresses.

Co-op Tr Sch Tr-617

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

61-16319

I. Bunghardt, K.
II. Preisendanz, H.

17626

Office of Technical Services

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Rapid Determination of Iron in Slag (With an Accuracy of ± 2%, Within 4 Minutes), by Kopinsek.
UNCLASSIFIED

GERMAN, per, Arch Eisenhuettenwesen, No 12, 1956, pp 753-760.

British Iron and
Steel Ind 739
(15.0.0)

Sci - Min/Met
Nov 58

76,329

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

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Testing of Non-Alloy Steels Under Multiaxial Stress by Internal Pressure Experiments II. Strength and Deformation of Test Pieces, by A. Krisch.

GERMAN, per, Archiv fur das Eisenhuttenwesen, Vol XXVII, No 12, 1956, pp 767-775.

CSIRO

Sci - Min/Met
Aug 62

207, 426.

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AEC [4](ORNL-tr-2627) [5]INVESTIGATION OF 475°-EM-BRITTLEMENT OF IRON-CHROME ALLOYS. [8]Bungardt, Kark; Spyra, Wolfgang. [10]Translated for Oak Ridge National Lab., Tenn., from [15]Arch. Eisenhuettenw.; 27: No. 12, 777-86(1956). [17][20]25p. [24]Dep. NTIS.

[26]metallurgy; physics (solid-state); translations [27]11F, 20L

[28]MN-25 [29]P NSA

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Observations on the Change in State that Leads to the 475° Embrittlement of Iron-Chromium Alloys, by W. Koster, and von Kienlin, A., 29 pp.

GERMAN, per, Arch Eisenhuttenw, Vol XXVII, No 12, Dec 1956, pp 793-799. ~~29 pp.~~

SLA 2534

Sci

Aug 58

69,880

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

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Uncl [illegible] (UCRL-Trans-1486(Pt.1)) INCORPORATION EXPERIMENTS IN SYNTHETIC MULLITE. PART I. Gelsdorf, Guenter; Schwiete, H.-E. Translated for Univ. of California Lawrence Berkeley Lab. from Arch. Eisenhuettenw.; 27: No. 12, 807-11(1956).

metallurgy

ND-25 P RC

Unlimited

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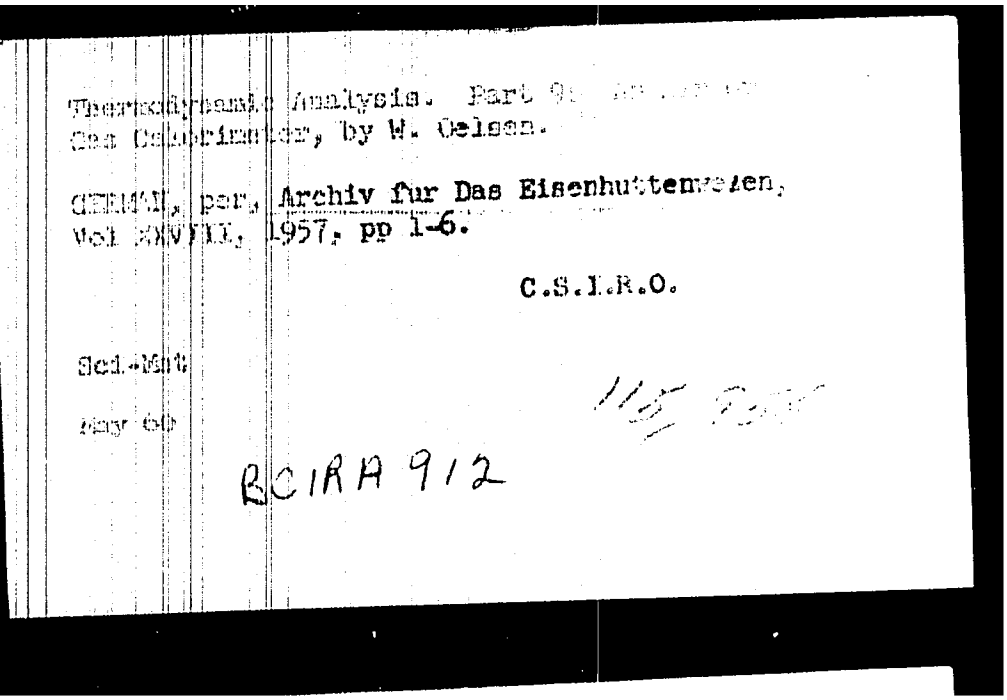

Thermodynamic Analysis. Part 9: [illegible]
Gas Calorimeter, by W. Oelsen.

GERMAN, per. Archiv fur Das Eisenhuttenwesen,
Vol XXVIII, 1957, pp 1-6.

C.S.I.R.O.

Sci.-Met.

May 60

BCIRA 912

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Application of Complexometric Analysis in a Steelworks Laboratory, by Wengler, Ausel. UNCLASSIFIED

GERMAN, per, Arch Eisenhuttenwesen, Vol XXVIII, Jan 195?, pp 7-12.

Co-op Tr Scheme
Tr 792
(L4.0.0)

Sci - Min/Metal
Apr 58

62,621

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

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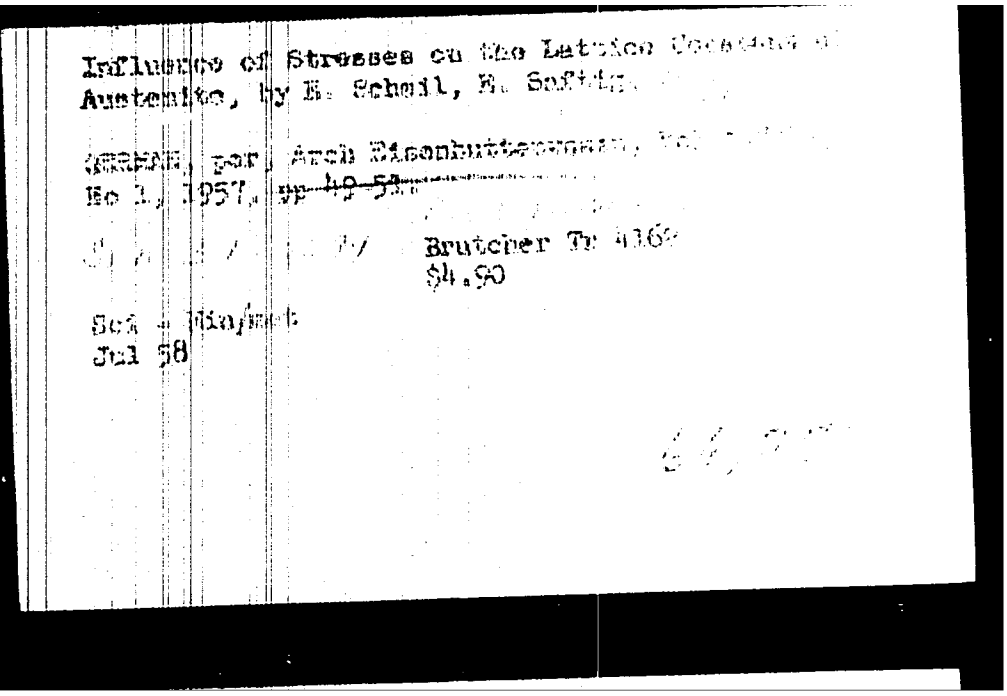

Influence of Stresses on the Latvian [illegible]
Austenite, by E. Schmid, E. Sofianos

[illegible], par, Arch Eisenhüttenwesen, [illegible]
No 1, 1957, pp 49-53

Brutcher Tr 4166
$4.50

Sch - Hayford
Jul 58

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000200900061-0

Study of Desulphurization in a Basic Bessemer Steelworks, by Decker.

GERMAN, per, Arch Eisenhuttenwesen, Vol XXVIII, No 2, 1957, pp 57-64.

Co-op Tr Sch Tr 664

57,757

Sci - Engr
Jan 58

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